County Quarterly Immunization Report Card
Definitions, Data Sources and FAQs

DEFINITIONS

Census: The Census Population estimate is the calculated number of people living in an area as of a specified point in time, usually July 1st. The estimated population is calculated using a component of change model that incorporates information on natural increase (births, deaths) and net migration (net domestic migration, net international migration) that has occurred in an area since the latest decennial census. This report is based on the 2012 Census estimates.

LHD: In Michigan 83 counties and the city of Detroit are grouped into 45 Local Health Departments based on geography that address the public health needs of the community.

MCIR: The Michigan Care Improvement Registry (MCIR) was created in 1998 to collect reliable immunization information and make it accessible to authorized users online. In 2006, MCIR was expanded to include adults

HP 2020 Goal: Healthy People 2020 Goals provide science-based, 10-year national objectives for improving the health of all Americans.

VFC Providers: The Vaccines for Children (VFC) program provides immunization services for children birth through 18 years of age who would otherwise be unable to pay for the vaccine or the administration of the vaccine.

Influenza Sentinel Sites : Providers in Michigan's component of CDC's Outpatient Influenza-like Illness Surveillance Network (ILINet) have two roles: 1) Report the total number of patient visits to their facilities each week, as well as the number of patient visits for influenza-like illness (ILI) within five age categories (0-4 years, 5-24 years, 25-49 years, 50-64 years, and 65 + years); 2)Collect respiratory specimens from a sample of patients with ILI for virus culture at no charge by the MDCH Laboratory. The goal is to have one regular reporter for every 250,000 residents.

Waivers: An overall percentage of waivers for Kindergarten, 6th grade and new entrants ("O") into the county are provided for each county and LHD.   There is also a breakdown of the percent of kindergarten kids who had a waiver and the percent of 6th graders who had a waiver by county. For this county ranking measure, the lower the percent the higher the ranking.

School Completion: This measure reports the percent of school children in the county that are complete for a defined series based on the student's age.

Child Care Completion: This measure reports the percent of children in child care that are complete for a defined series based on their age.

DATA SOURCES

US National Immunization Survey (NIS) Coverage Rates - children: http://www.cdc.gov/vaccines/stats-surv/nis/data/tables_2012.htm

US National Immunization Survey (NIS-Teen) Coverage Rates - adolescents:
http://www.cdc.gov/vaccines/stats-surv/nisteen/data/tables_2012.htm

US National Health Interview Survey (NHIS) Coverage Rates – adults:
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6204a2.htm?s_cid=mm6204a2_w

Us Flu Average Coverage rates: http://www.cdc.gov/flu/fluvaxview/index.htm

FREQUENTLY ASKED QUESTIONS (This section will be updated periodically.)

Question: Why do you use the Census Denominator for Adult Coverage?
Answer: The adult data in MCIR are not complete. The Census denominator provides a better estimate of Michigan's adult population.

Question: Who should I contact for questions on these reports?
Answer: Cristi Carlton at carltonc2@michigan.gov or 517-355-9104.

Question: Did you filter out people that have moved out of a county?
Answer: To match the methodology of the standard MCIR profile reports, we included persons whose patient jurisdiction status is either 1) Active; 2) Inactive – lost to follow-up; or 3) Inactive- unknown. Further information on the patient status designation is available here.

Question: How often will you update these reports?
Answer: The county immunization report cards will be updated on a quarterly basis:
1st quarter: data through March 31, 2014
2nd quarter: data through June 30, 2014
3rd quarter: data through September 30, 2014
4th quarter: data through December 31, 2014

Question: Why did you decide to rank all of the counties?
Answer: When National Immunization Survey (NIS) data are published by the Centers for Disease Control and Prevention the state of Michigan is ranked relative to other states, regardless of their size and population.   This motivates us to increase our coverage levels and highlights areas for improvement. The county immunization report cards were developed to bring the same motivation to the county level.

Question: Why are the hepatitis B birth dose coverage levels in this county immunization report card different than the coverage levels that are distributed to the birthing hospitals through Perinatal Hepatitis B Prevention Program (PHBPP)?
Answer: For NIS comparison**,** this methodology analyzes all children 19 through 35 months old that currently live in the *defined county* who received their hepatitis B vaccine within 3 days of life. The report that is distributed by the PHBPP analyzes hepatitis B vaccine administered at the *specific hospital* within 3 days of life.